

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA00042MC

This certificate issued to:

L-3 Communications Integrated Systems, L.P.
10001 Jack Finney Boulevard
Greenville, Texas 75402

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number: A24CE

Make: Hawker Beechcraft

Model: King Air B300

Description of Type Design Change: Installation of mission related (non-essential, non-required) equipment and structural shapes on the exterior of the aircraft (safe carriage only) in accordance with (1) L-3 Communications Integrated Systems Master Drawing List (MDL), Document No. G18146.28.41 Revision D dated 26 May 2010, (2) L-3 Communications Integrated Systems Airplane Flight Manual Supplement dated 6 April 2010, or (3) later FAA approved revisions of (1) and/or (2). (See Continuation Sheet 3 of 3 for Certification Basis of this change.)

Limitations and Conditions:

This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give (See Continuation Sheet 3 of 3 for additional limitations)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 21, 2009

Date reissued:

Date of issuance: May 27, 2010

Date amended:



By direction of the Administrator

Ronald K. Rathgeber
(Signature)

Ronald K. Rathgeber
Manager
Military Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate
(Continuation Sheet)

Number SA00042MC

Limitations and Condition:

the other person written evidence of that permission. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G18146.28.08 Revision A, dated 01 April 2010, or later FAA accepted revision must be made available to the operator at the time of installation. Certain components included in the type design of this Supplemental Type Certificate (STC) are Government Furnished Equipment (GFE) and commercial spares are not available. Aircraft modified in accordance with this STC and equipped with GFE may be operated for official use only.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, the certification basis for the Hawker Beechcraft B300 aircraft external mission related installations is as follows:

- a. The type certification basis for Hawker Beechcraft series airplanes is shown on TCDS A24CE for parts **not changed or not affected** by the change.
- b. The certification basis for parts changed or affected by the change since the reference data of application, 21 August 2009, is based upon Part 23 as amended by Amendment 23-34. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Para.	Amdt	Para.	Amdt	Para.	Amdt
23.29(a)(b)	23-21	23.253(a)(b)(c)	23-26	23.571(a)	23-34
23.45(a)(b)(c)(d)(e)(f)	23-34	23.301(a)(b)(c)	23-28	23.571(c)	23-45
23.51(a)(d)	23-34	23.303	23-0	23.603(a)(b)	23-23
23.53(a)(b)(c)	23-34	23.305(a)(b)	23-0	23.605(a)(b)	23-23
23.55(a)	23-34	23.307(a)	23-0	23.607	23-17
23.57(a)(b)(c)	23-34	23.321(a)(b)	23-0	23.609(a)(b)	23-0
23.59(a)	23-34	23.331(a)(b)	23-0	23.611	23-7
23.61(a)(b)	23-34	23.333(a)(b)(c)(d)	23-34	23.613(a)(b)(c)	23-23
23.65(a)(c)	23-34	23.335(a)(b)(c)(d)	23-34	23.615(a)(b)(c)	23-7
23.67(a)(c)(d)	23-34	23.337(a)(b)	23-34	23.619	23-0
23.77(a)(b)(c)	23-34	23.341	23-34	23.629(a)(b)	23-31
23.143(a)(b)	23-17	23.347	23-0	23.853(d)(3)	23-34
23.147(a)(b)	23-0	23.365(a)(b)(d)	23-0	23.867(a)(b)(c)	23-7
23.171	23-0	23.367(a)(b)	23-7	23.1301(d)	23-20
23.173	23-34	23.471	23-0	23.1401(a)(b)	23-20
23.177(a)	23-21	23.473(a)(b)(c)(d)(e)(f)(g)	23-28	23.1419(b)	23-14
23.181(a)(b)	23-21	23.479(a)(b)(c)	23-17	23.1431	23-0
23.201(a)(c)(d)(e)	23-14	23.481(a)(b)	23-0	23.1529	23-26
23.207(a)(b)(c)	23-7	23.483	23-0	23.1581(a)(b)(c)	23-34
23.233(a)(b)	23-0	23.485(a)(b)(c)	23-0	23.1583(c)	23-34
23.251	23-0	23.493(a)(b)(c)	23-0	23.1587(a)(d)	23-34

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